

# STRADELLA-8-HV-ME

Fulfils EN13201 M-class requirements where road width is equal to or less the pole height. Excellent longitudinal luminance uniformity. Variant with longer location pin distance allowing HV circuit de

# **TECHNICAL SPECIFICATIONS:**

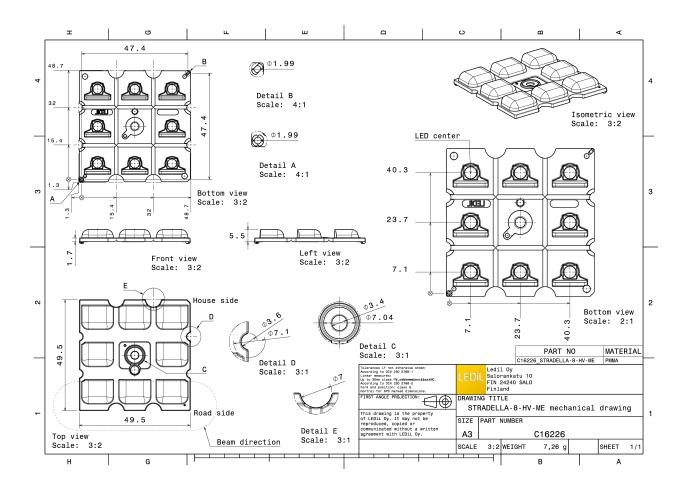
Dimensions	49.5 mm
Height	5.5 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



## **MATERIAL SPECIFICATIONS:**

Component STRADELLA-8-HV-ME **Type** Multi-lens **Material** PMMA Colour clear

# PRODUCT DATASHEET C16226\_STRADELLA-8-HV-ME





# PHOTOMETRIC DATA (MEASURED):

D   XD16     /HM   Asymmetric     iciency   94 %     ak intensity   0.850 cd/lm     Ds/each optic   1     ht colour   White     quired components:
D XD16 /HM Asymmetric iciency 94 % ak intensity 0.850 cd/lm Ds/each optic 1 ht colour White
/HM Asymmetric   iciency 94 %   ak intensity 0.850 cd/lm   Ds/each optic 1   ht colour White
iciency 94 % ak intensity 0.850 cd/lm Ds/each optic 1 ht colour White
ak intensity 0.850 cd/lm Ds/each optic 1 ht colour White
Ds/each optic 1 ht colour White
ht colour White
80
30° 20° 10°
LUMILEDS
D LUXEON 3030 2D (Round LES)
/HM Asymmetric
iciency 88 %
ak intensity 0.740 cd/lm
Ds/each optic 1
ht colour White
quired components:
Jndefined Manufacturer: Protective Plate, Glass
30 <sup>4</sup> 23 <sup>5</sup> (e <sup>k</sup> 13 <sup>4</sup>
LUMILEDS
D LUXEON V2
/HM Asymmetric
iciency 94 %
ak intensity 0.670 cd/lm
Ds/each optic 1
ht colour White
quired components:
60
70
70, Tô, Dí, Tô,
NICHIA
D NF2W585AR
/HM Asymmetric iciency 94 %
ak intensity 0.700 cd/lm
ak intensity 0.700 cd/lm Ds/each optic 1
ak intensity 0.700 cd/lm Ds/each optic 1 ht colour White
ak intensity 0.700 cd/lm Ds/each optic 1
ak intensity 0.700 cd/lm Ds/each optic 1 ht colour White
ak intensity 0.700 cd/lm Ds/each optic 1 ht colour White

PRODUCT DATASHEET

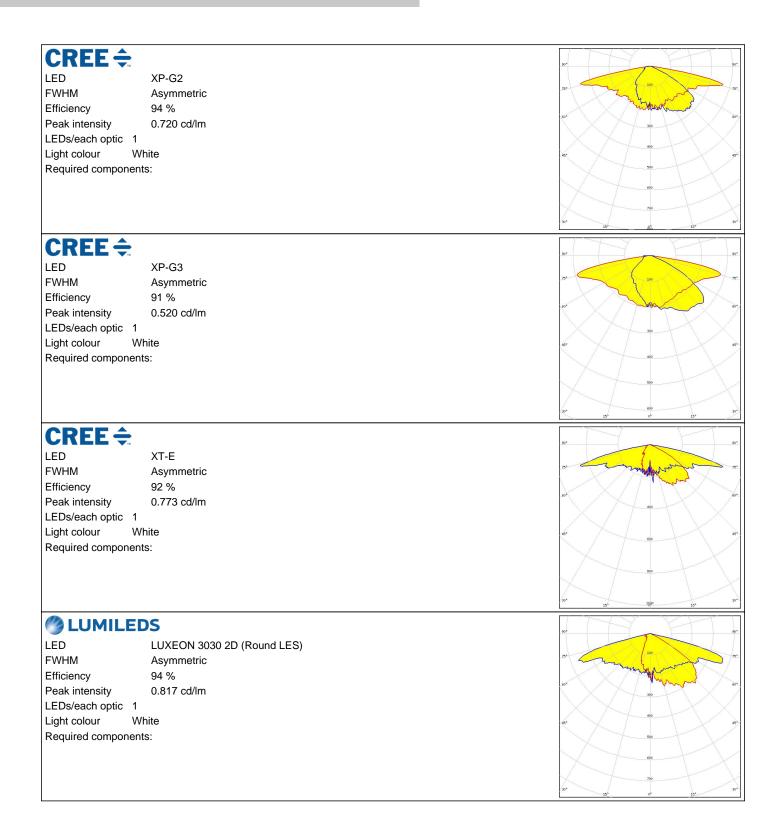


# PHOTOMETRIC DATA (MEASURED):

$\sim$		
<b>WICHIA</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW319B Asymmetric 94 % 0.570 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	



# PHOTOMETRIC DATA (SIMULATED):





# PHOTOMETRIC DATA (SIMULATED):

MICHIΛ		
LED	NVSxE21A	90° 90'
FWHM		75°
	Asymmetric 93 %	
Efficiency		50 <sup>4</sup> 300 50 <sup>4</sup>
Peak intensity	0.740 cd/lm	
LEDs/each optic 1		
Light colour WI		45°
Required component	5.	600
		700
		800
		30* 13 <sup>5</sup> 500 15* 90*
<b>Μ</b> ΝΙCΗΙΛ		
LED	NVSxx19B/NVSxx19C	90" 90"
FWHM	Asymmetric	75°
Efficiency	82 %	100
Peak intensity	0.380 cd/lm	50 <sup>4</sup> 694
LEDs/each optic 1	0.500 cum	
Light colour WI	nite	
Required component		457 457
	cturer: Protective Plate, Glass	
		400
		$\times$ / $\land$ $\lambda$
		30° 13 <sup>2</sup> 9° 15° 30°
<b>ΜΝΙCΗΙΛ</b>		90*
LED	NVSxx19B/NVSxx19C	
FWHM	Asymmetric	75°
Efficiency	92 %	
Peak intensity	0.540 cd/lm	60 <sup>4</sup>
LEDs/each optic 1		X
Light colour WI	ite	45°
Required component	S:	400
		200
		50° 660 30°
OSRAM Opto Semiconductors		90* 90
LED	OSCONIQ P 3737 (2W version)	, in the second se
FWHM	Asymmetric	75*
Efficiency	94 %	
Peak intensity	0.710 cd/lm	50' 60'
LEDs/each optic 1		
Light colour WI	ite	45* 400 45
Required component		$X \times T \times X$
		× + 00
		600
		600

PRODUCT DATASHEET



# PHOTOMETRIC DATA (SIMULATED):

OCDAM		
OSRAM Opto Semiconductors		26+
LED	OSLON Square CSSRM2/CSSRM3	
FWHM	Asymmetric	25° Contraction of the second
Efficiency	94 %	a. Marting Marting
Peak intensity	0.783 cd/lm	
LEDs/each optic 1		
	/hite	45* 400
Required componer	nts:	500
		600
		740
		30* <u>13</u> <sup>4</sup> 0* 19*
SAMSUI	NG	30*
LED	LH181B	
FWHM	Asymmetric	759
Efficiency	94 %	- man
Peak intensity	0.720 cd/lm	
LEDs/each optic 1		
	/hite	
Required componer		707 500
required componer		600
		700
		30* 000 13 <sup>5</sup> 0 <sup>6</sup> 13*
SEOUL		
SEOUL SEMICONDUCTOR	Z8Y22	90*
	28122	100
	A our momentation	730
FWHM	Asymmetric	A Company of the second s
Efficiency	93 %	
Efficiency Peak intensity	93 % 0.710 cd/lm	50*
Efficiency Peak intensity LEDs/each optic 1	93 % 0.710 cd/lm	
Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite	25 26 65 26 65 26
Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite	25° 260 65° 200 600
Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite	25° 200 60° 600 65° 200 700
Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite	5° 50 50 70 70 70 70 70 70 70 70 70 70 70 70
Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite	
Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer	93 % 0.710 cd/lm /hite hts:	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer	93 % 0.710 cd/lm /hite hts: Z8Y22P	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer	93 % 0.710 cd/lm /hite hts: Z8Y22P Asymmetric	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer scour semiconductor LED FWHM Efficiency	93 % 0.710 cd/lm /hite hts: Z8Y22P Asymmetric 93 %	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer SCOULSEMICONDUCTOR LED FWHM Efficiency Peak intensity	93 % 0.710 cd/lm /hite hts: Z8Y22P Asymmetric 93 % 0.580 cd/lm	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer scoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 1	93 % 0.710 cd/lm /hite hts: Z8Y22P Asymmetric 93 % 0.580 cd/lm	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer	93 % 0.710 cd/lm /hite T8Y22P Asymmetric 93 % 0.580 cd/lm /hite	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer scoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic 1	93 % 0.710 cd/lm /hite T8Y22P Asymmetric 93 % 0.580 cd/lm /hite	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer	93 % 0.710 cd/lm /hite T8Y22P Asymmetric 93 % 0.580 cd/lm /hite	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer SEQUESEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite T8Y22P Asymmetric 93 % 0.580 cd/lm /hite	
Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer SEQUESEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	93 % 0.710 cd/lm /hite T8Y22P Asymmetric 93 % 0.580 cd/lm /hite	



#### **GENERAL INFORMATION:**

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### **MATERIALS:**

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

## PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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